

FIG. 1

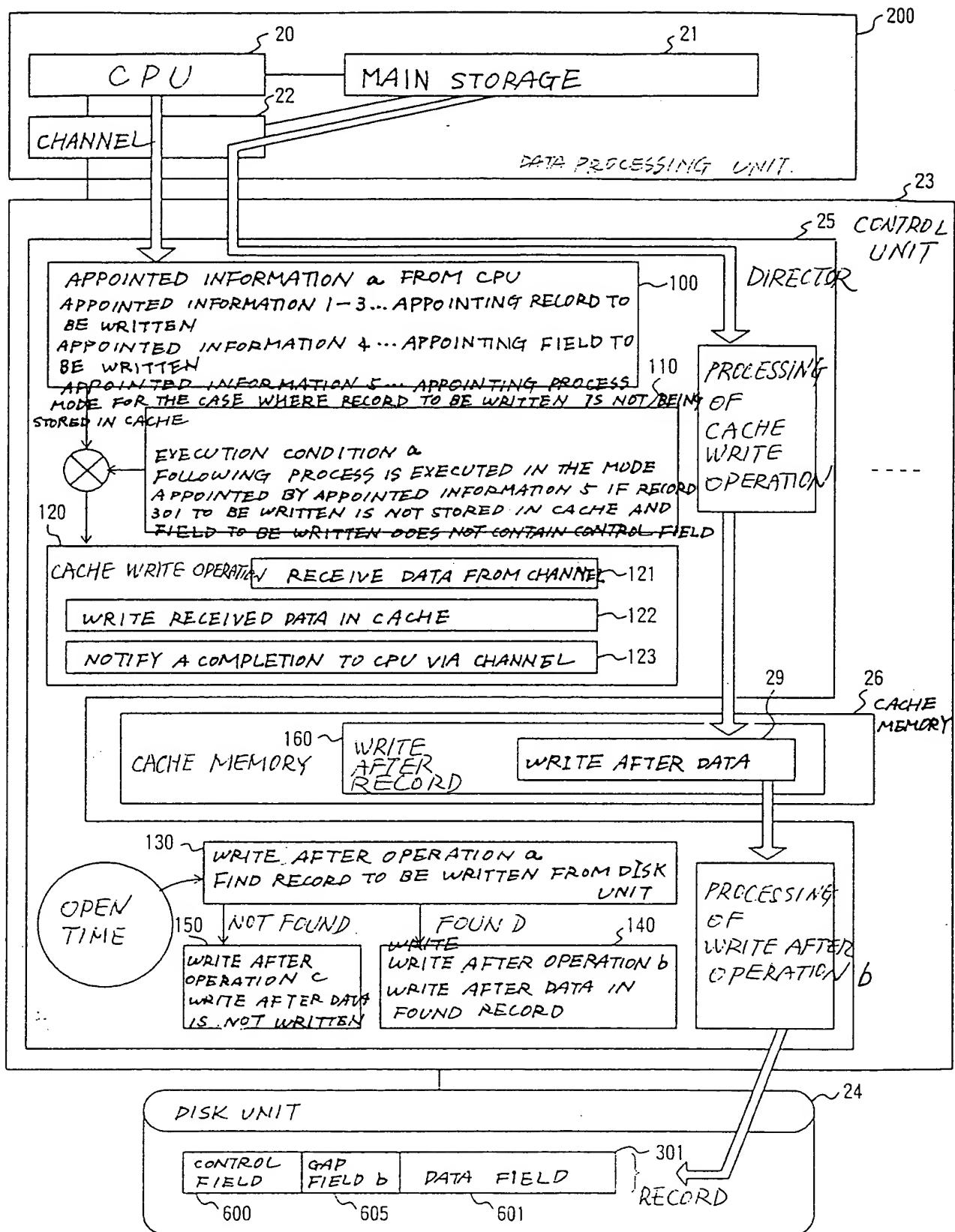


FIG. 2

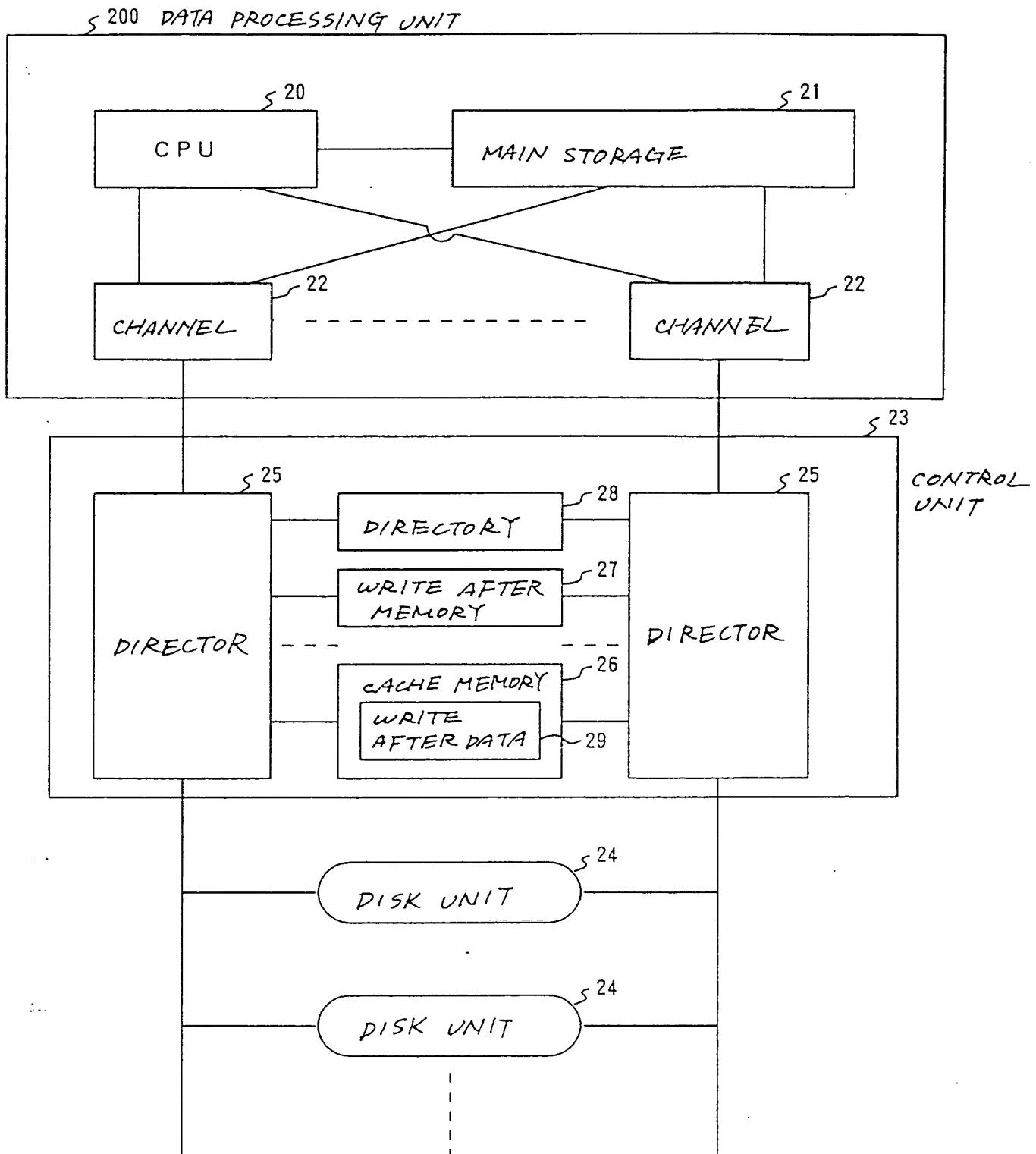


FIG. 3

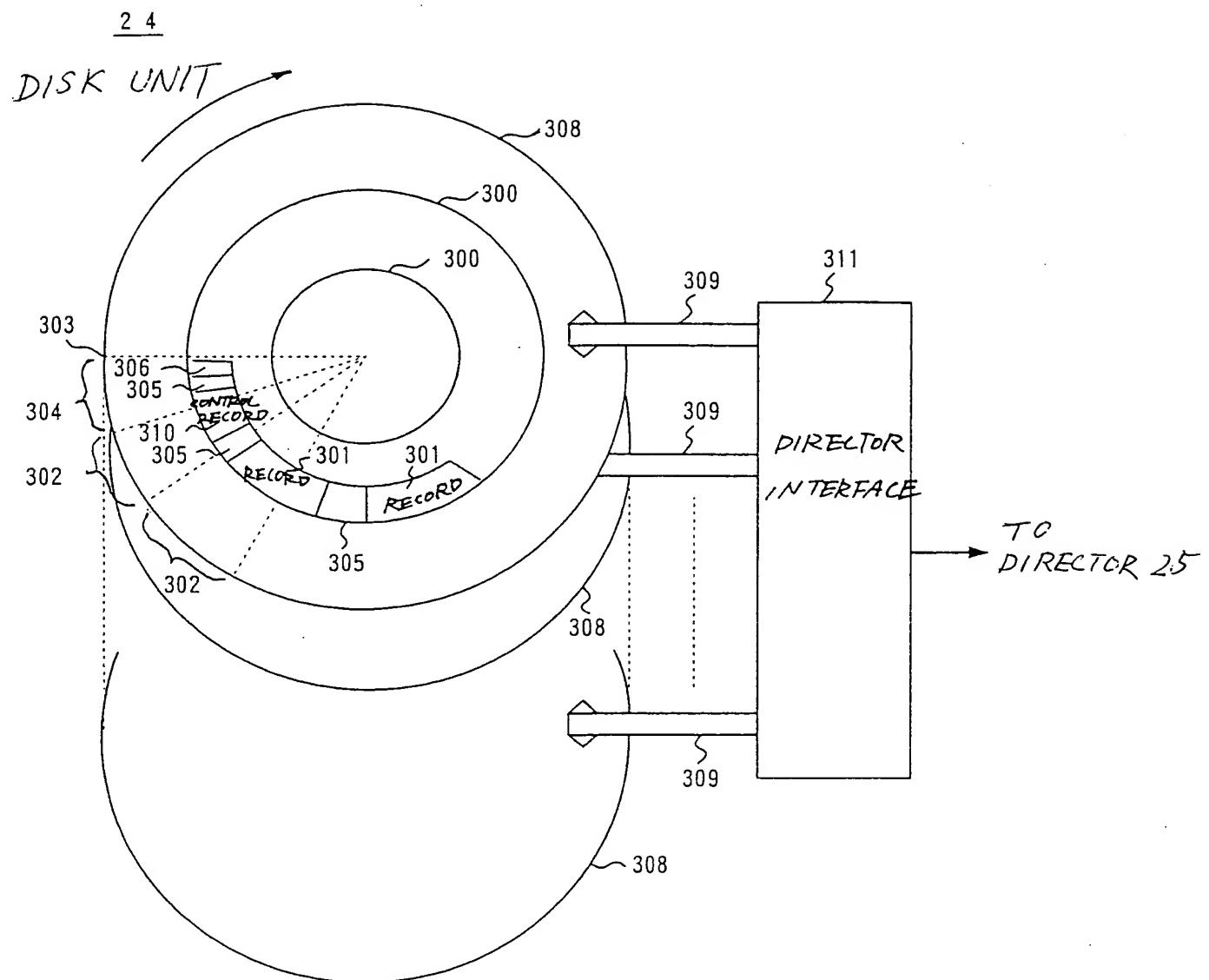


FIG. 4

301 RECORD

FIG. 5

301 RF code

CONTROL FIELD		DATA FIELD		
RECORD NUMBER	KEY FIELD LENGTH	DATA FIELD	...	CAP b
602	608 (609)	603 (609)		

FIG. 6

26 CACHE MEMORY

ζ_{400}	SEGMENT	---
ζ_{400}	SEGMENT	---

FIG. 7

SEGMENT
400

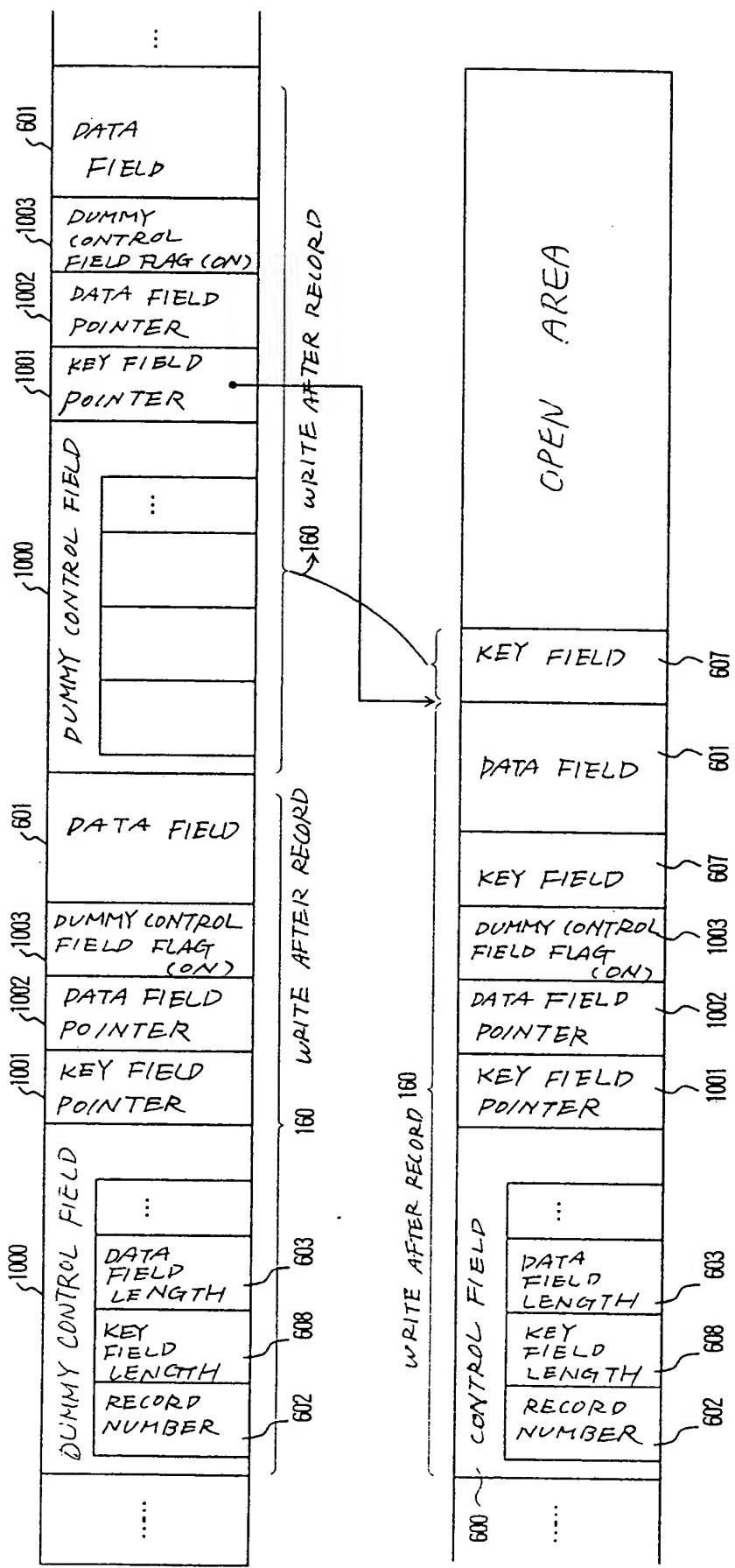


FIG. 8

28 DIRECTORY

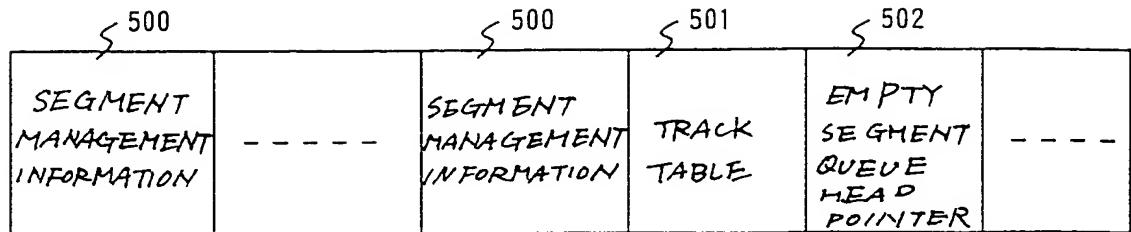


FIG. 9

SEGMENT MANAGEMENT INFORMATION

500

AS MANY AS THE
NUMBER OF RECORD
NUMBERS 602
DEFINABLE WITHIN
TRACK 300

AS MANY AS THE
NUMBER OF RECORD
NUMBERS 602
DEFINABLE WITHIN
TRACK 300

AS MANY AS THE
NUMBER OF RECORD
NUMBERS 602
DEFINABLE WITHIN
TRACK 300

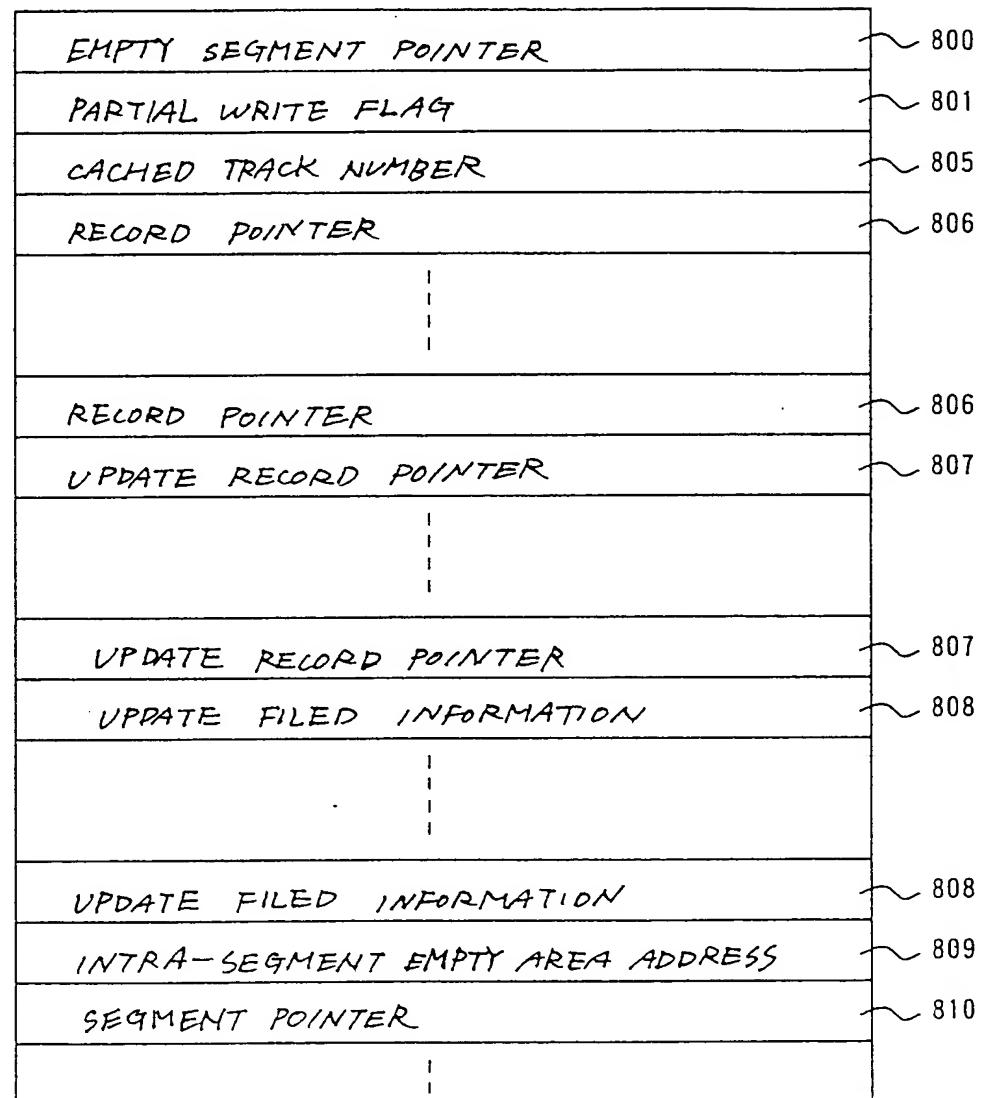


FIG. 10

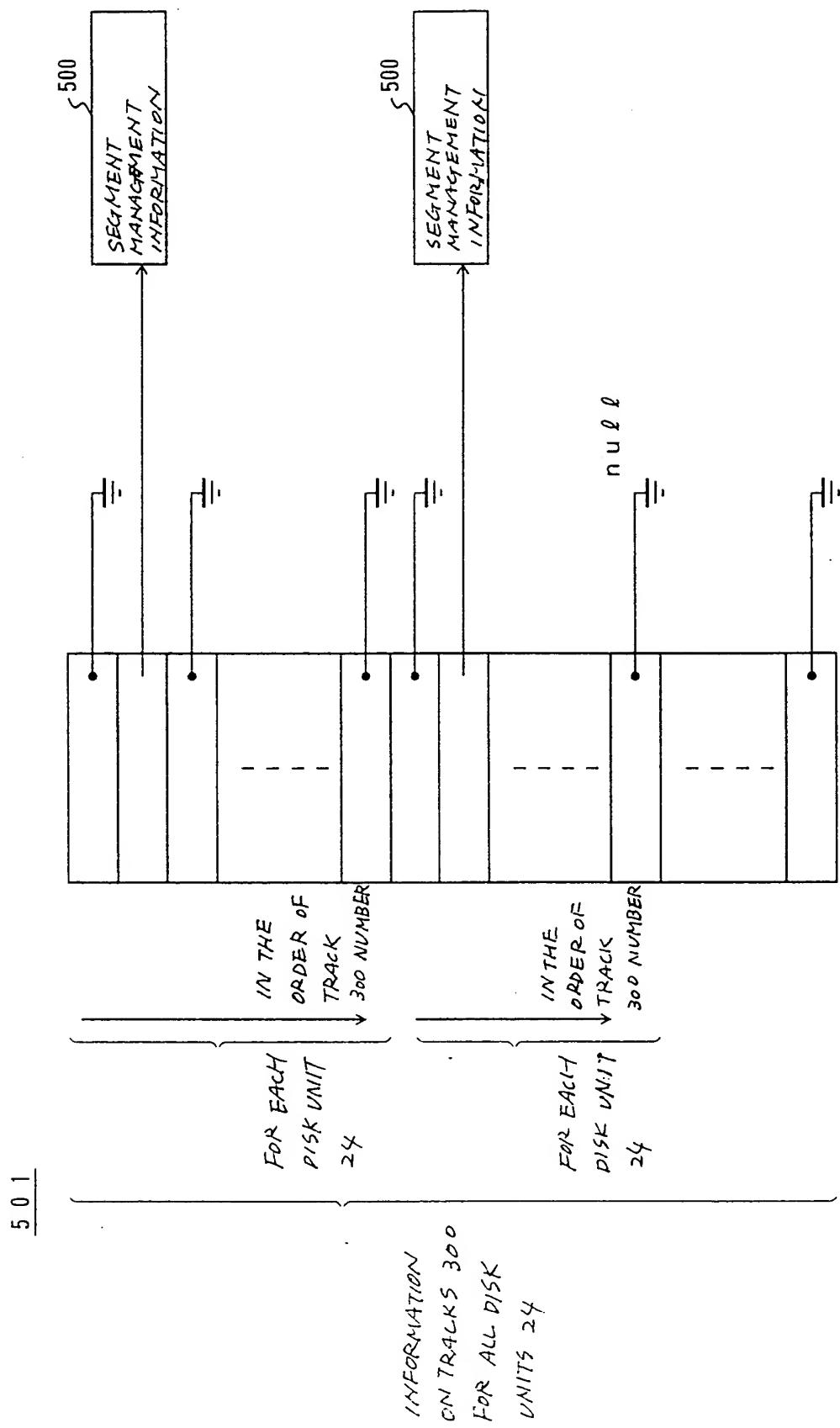


FIG. 11

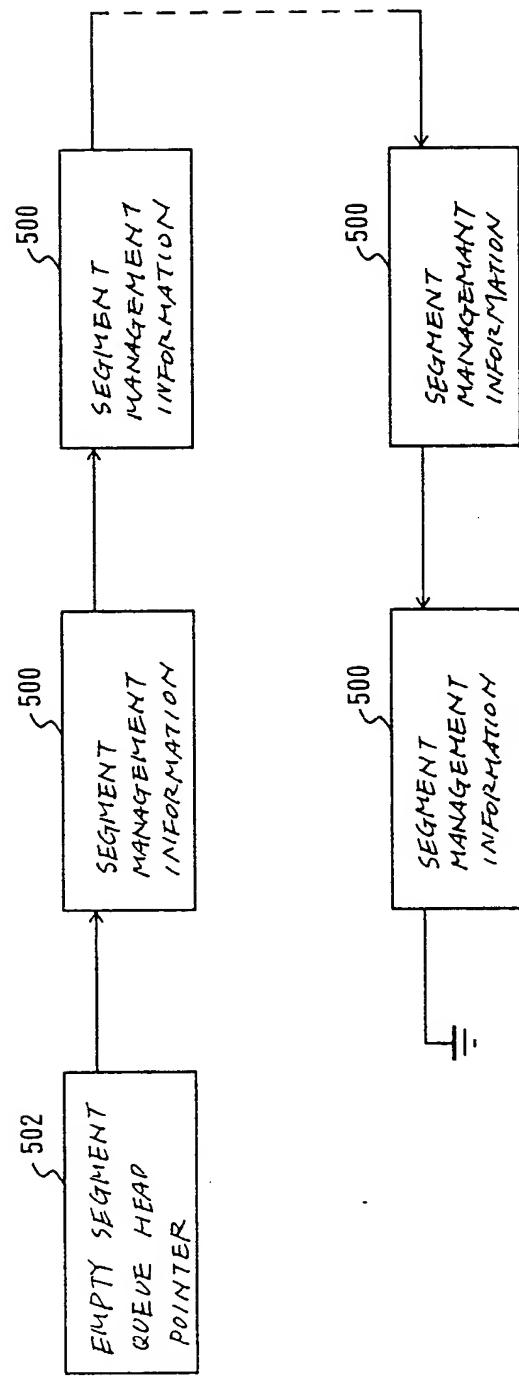


FIG. 12

27 WRITE AFTER MEMORY

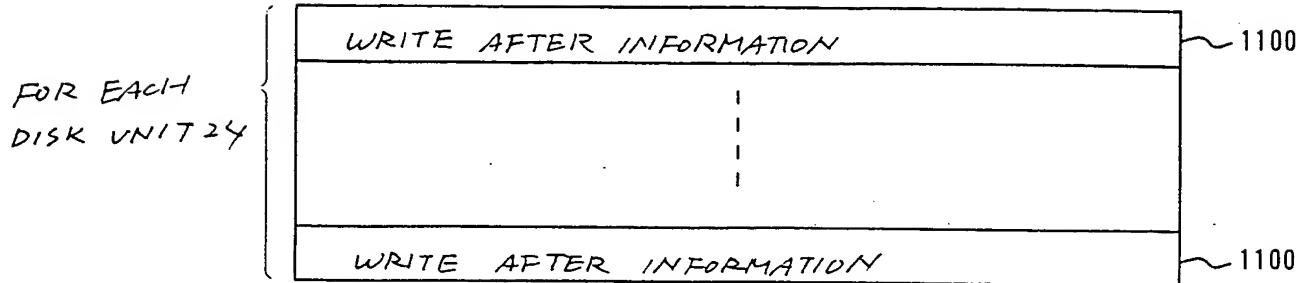


FIG. 13

1100 WRITE AFTER INFORMATION

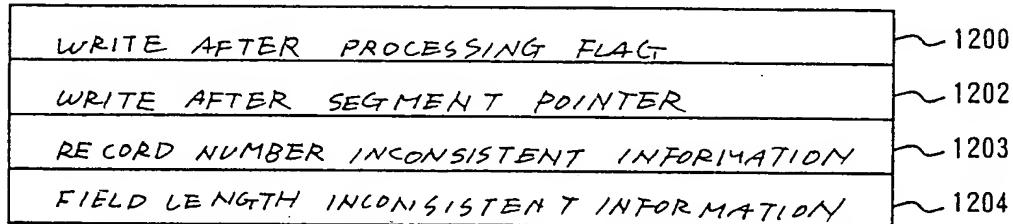


FIG. 14

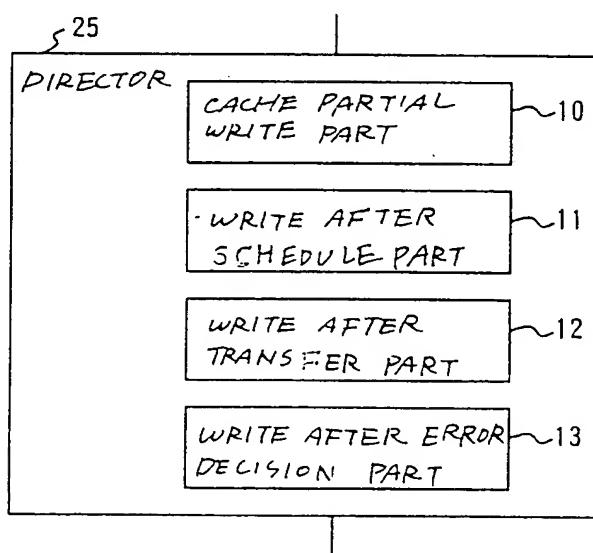


FIG. 15

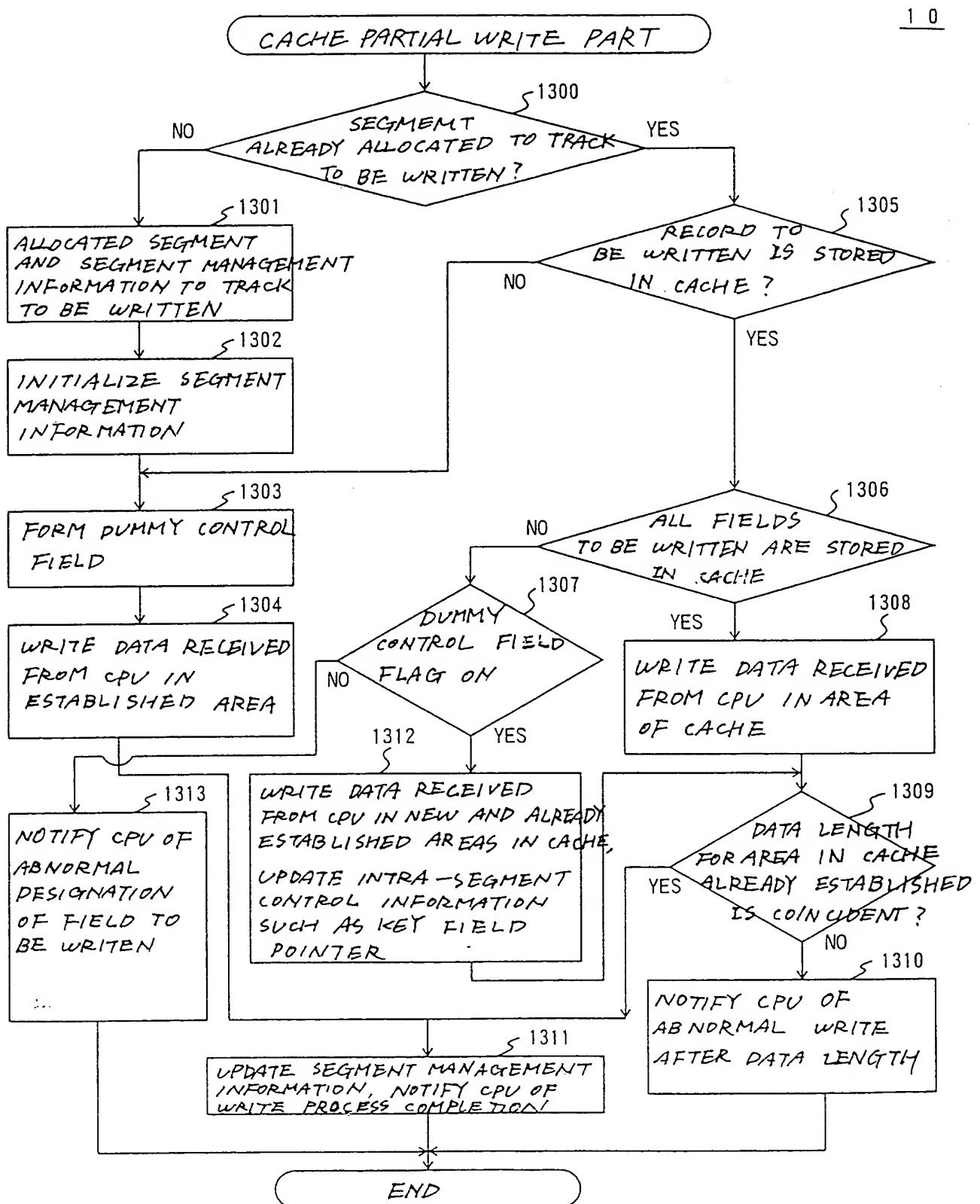


FIG. 16

11

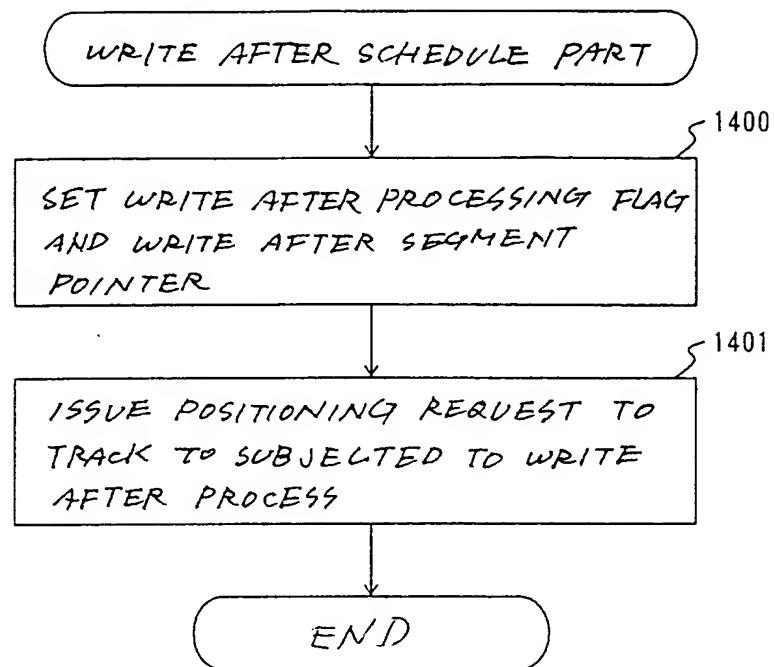


FIG. 17

12

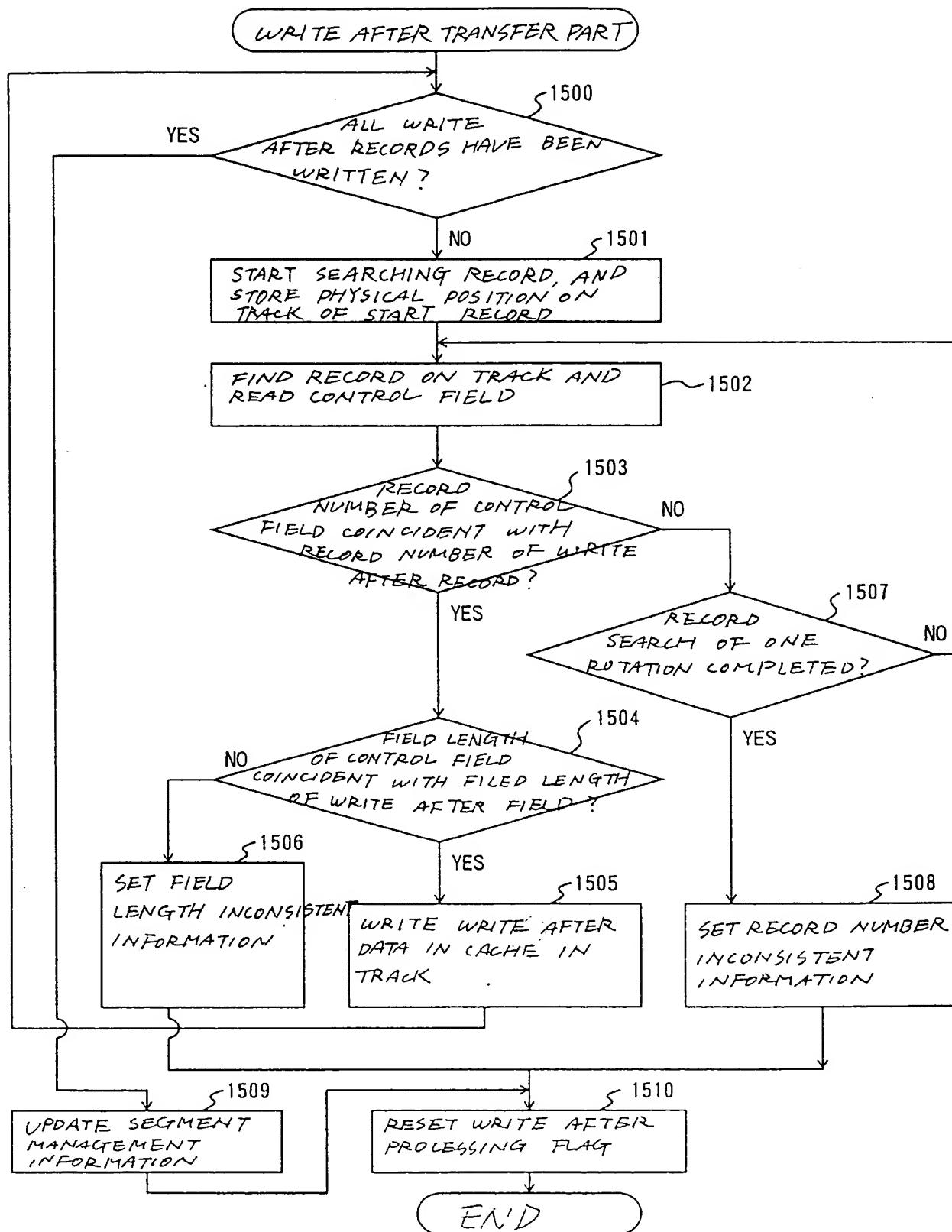


FIG. 18

13

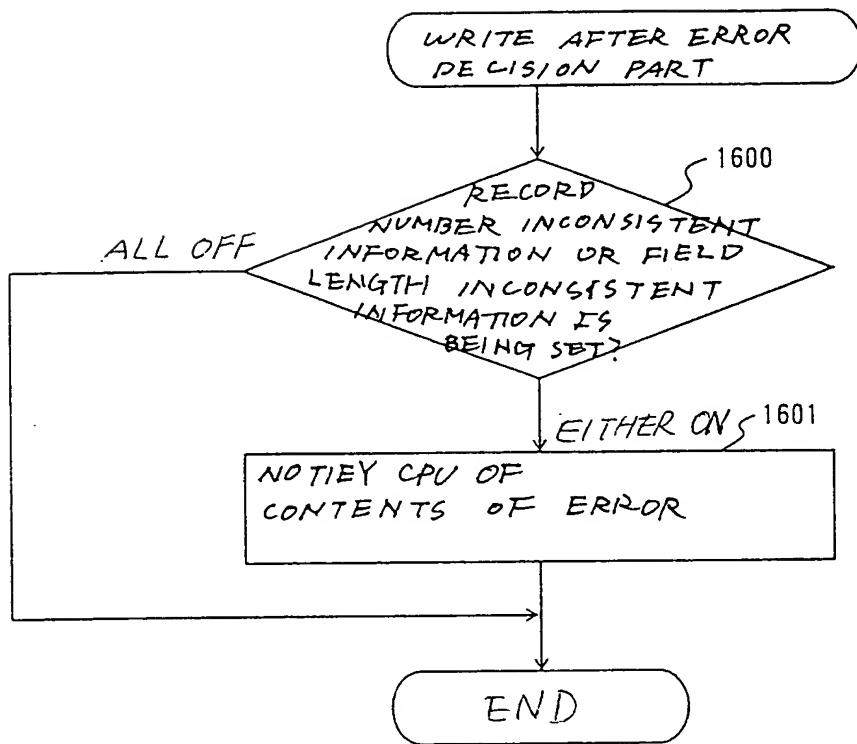


FIG. 19

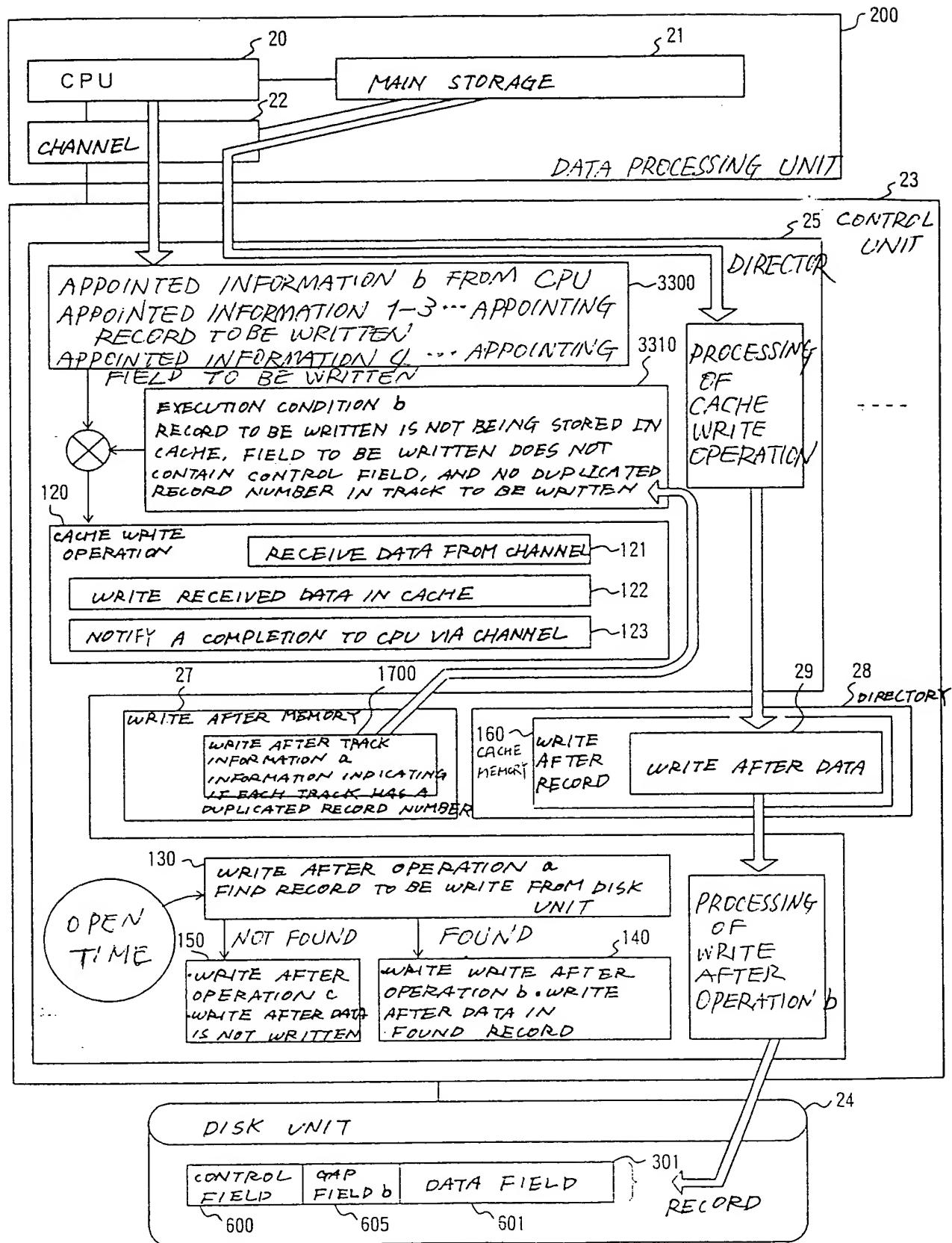


FIG. 20

27 WRITE AFTER MEMORY

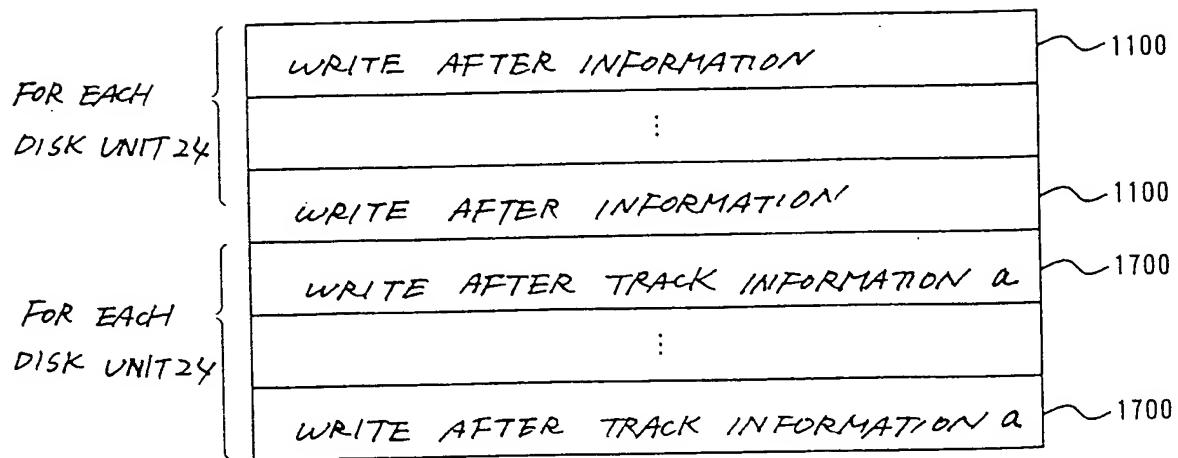


FIG. 21

1700 WRITE AFTER TRACK INFORMATION a

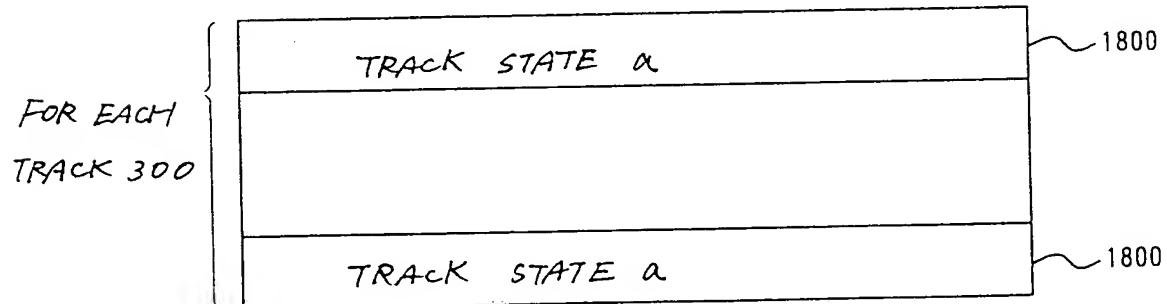


FIG. 22

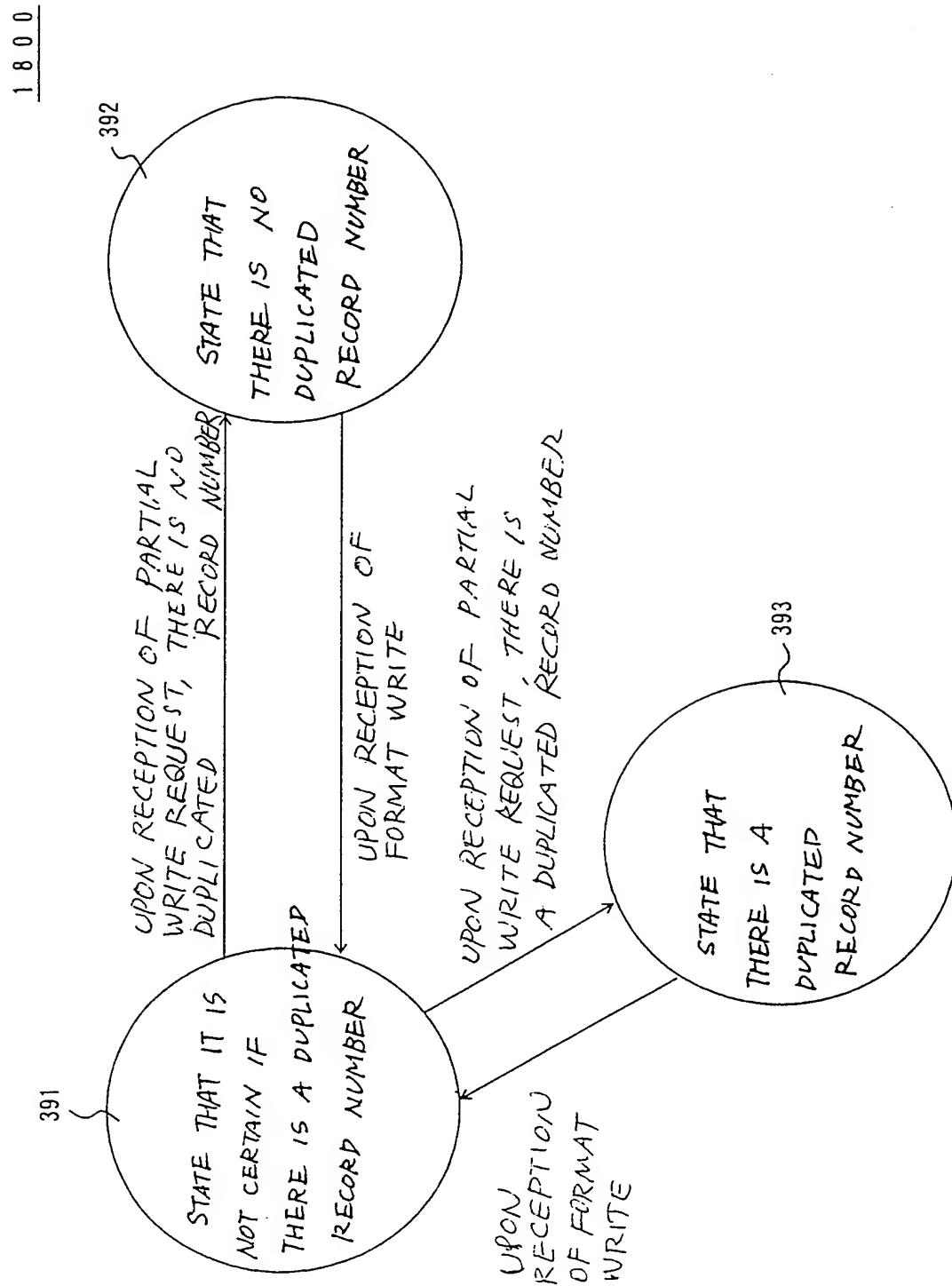


FIG. 23

25

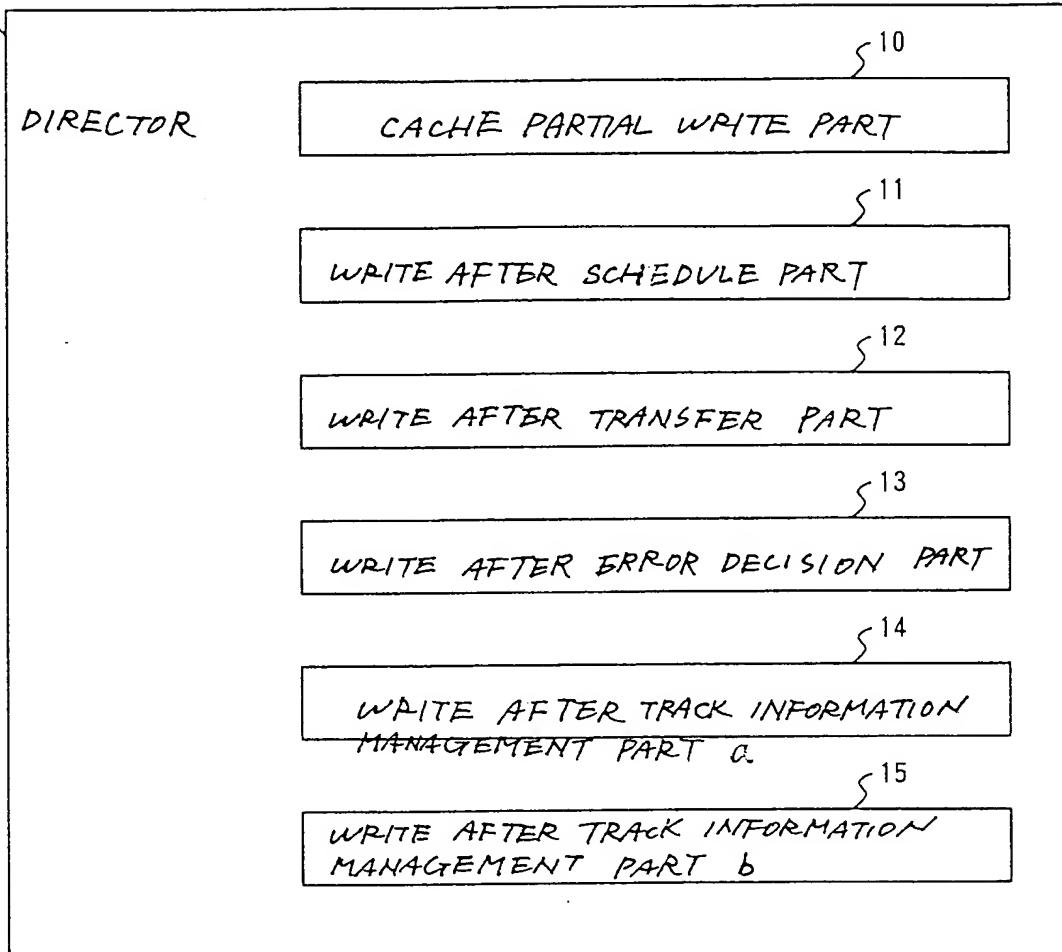


FIG. 24 A

14

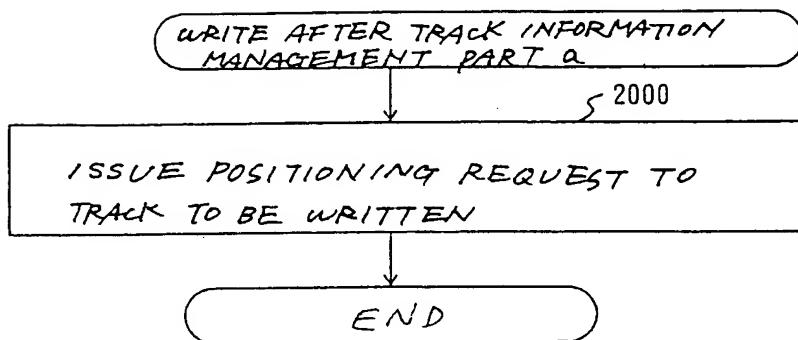


FIG. 24 B

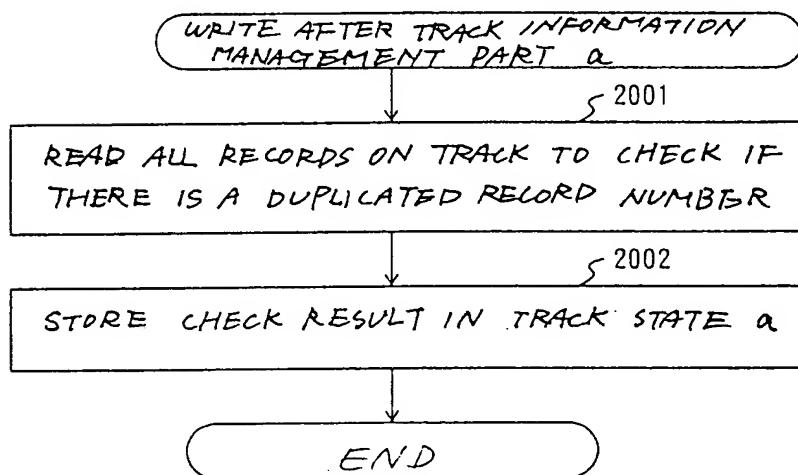


FIG. 25

15

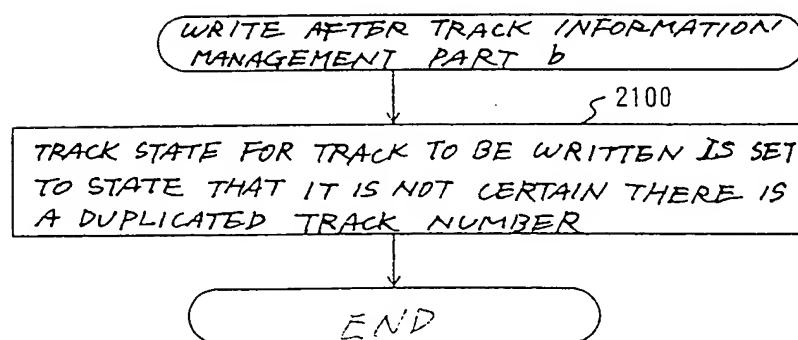


FIG. 26

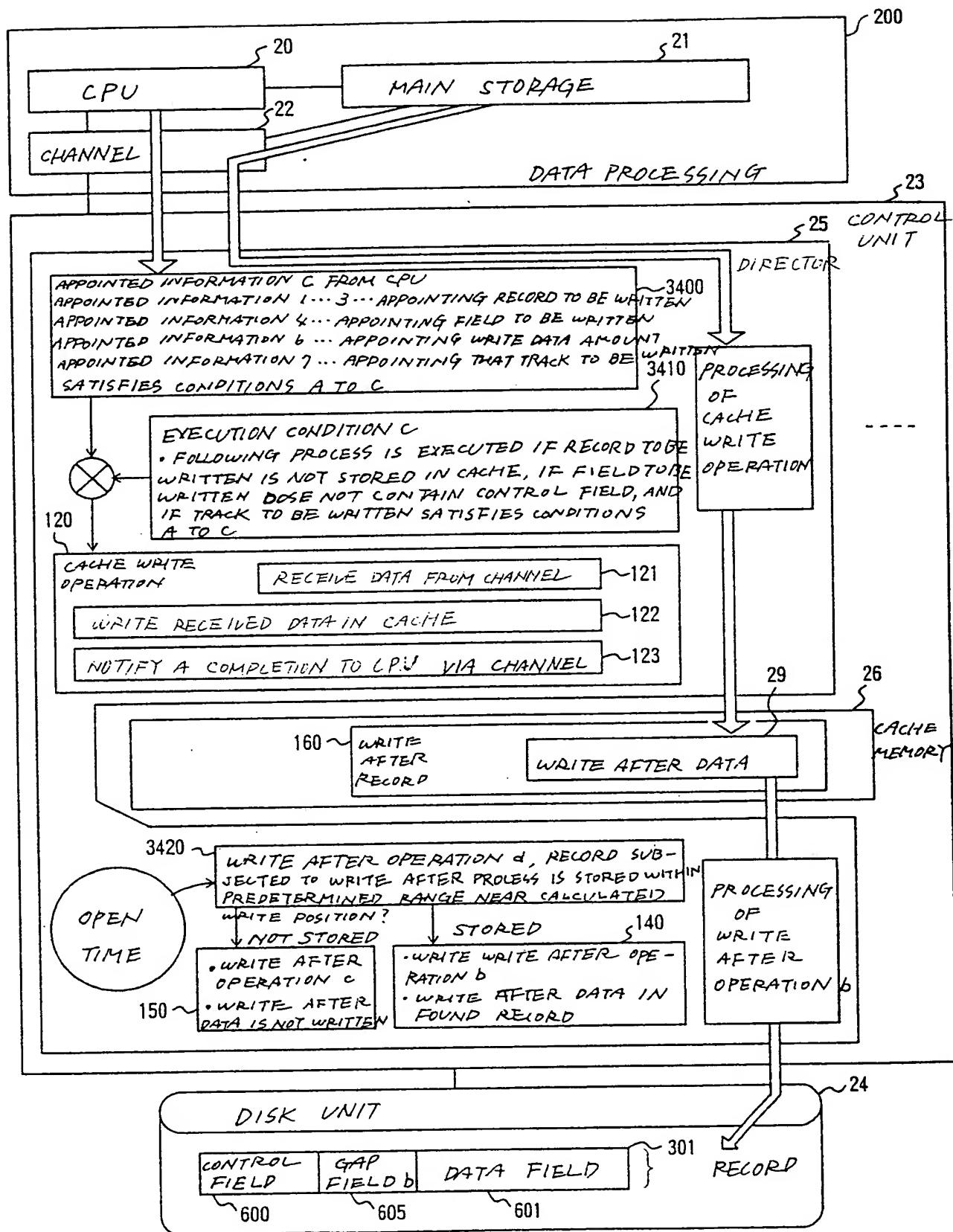


FIG. 27

500

SEGMENT MANAGEMENT INFORMATION

AS MANY AS THE NUMBER
OF RECORD NUMBERS
602 DEFINABLE WITHIN
TRACK 300

EMPTY SEGMENT POINTER	800
PARTIAL WRITE FLAG	801
CACHE TRACK NUMBER	805
RECORD POINTER	806
⋮	
RECORD POINTER	806
UPDATE RECORD POINTER	807
⋮	
UPDATE RECORD POINTER	807
UPDATE FIELD INFORMATION	808
⋮	
UPDATE FIELD INFORMATION	808
INTRA-SEGMENT EMPTY AREA ADDRESS	809
SEGMENT POINTER	810
WRITE POSITION CALCULATION POSSIBLE BIT	2200
FIXED DATA FIELD LENGTH	2201
⋮	

FIG. 28

1100

WRITE AFTER INFORMATION

WRITE AFTER PROCESSING FLAG	1200
WRITE AFTER SEGMENT POINTER	1202
RECORD NUMBER INCONSISTENT INFORMATION	1203
FIELD LENGTH INCONSISTENT INFORMATION	1204
WRITE AFTER START RECORD NUMBER	2300
RECORD PHYSICAL POSITION INCONSISTENT INFORMATION	2301

FIG. 29

10

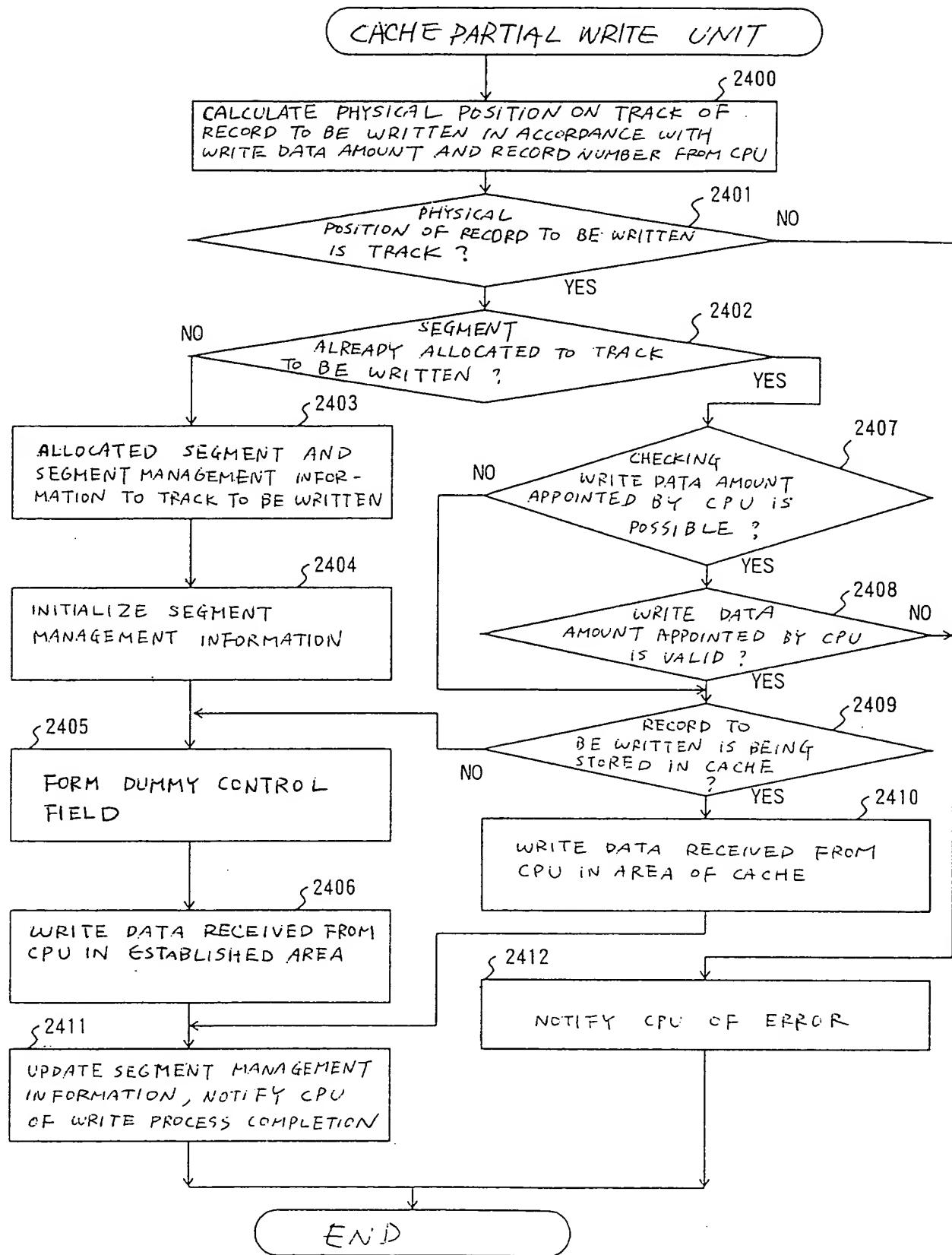


FIG. 30

11

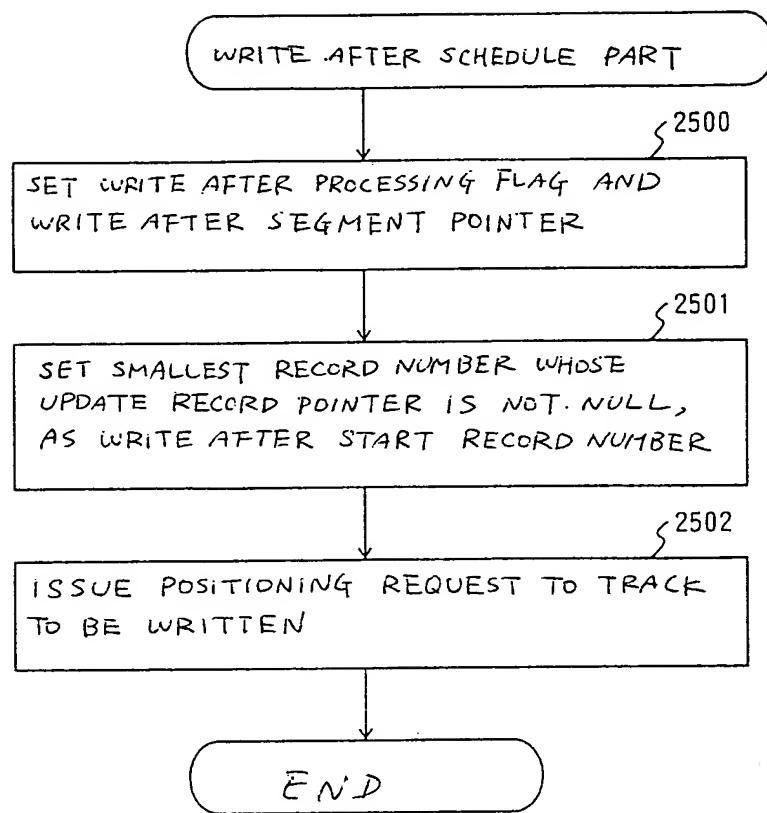


FIG. 31

1 2

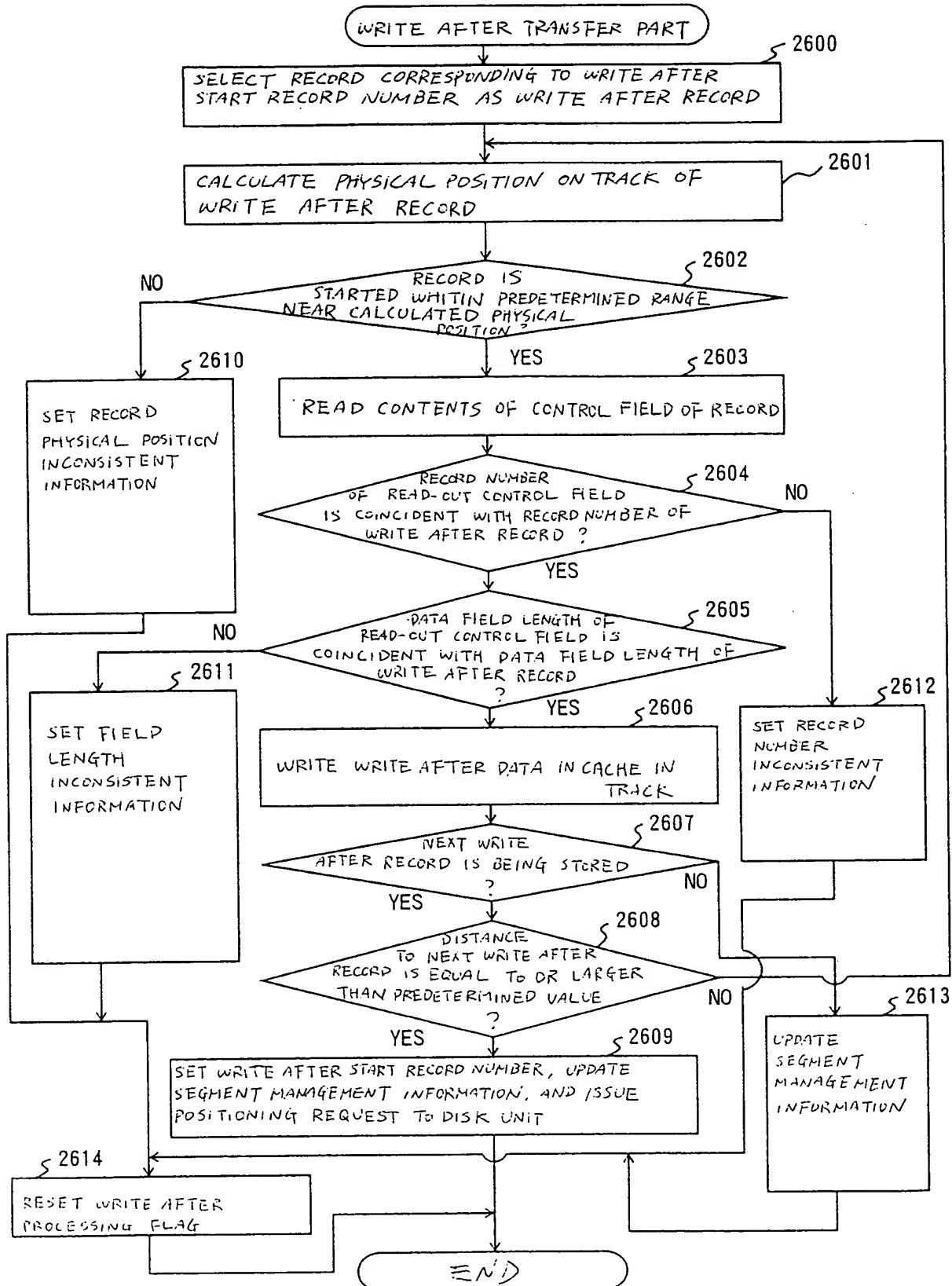


FIG. 32

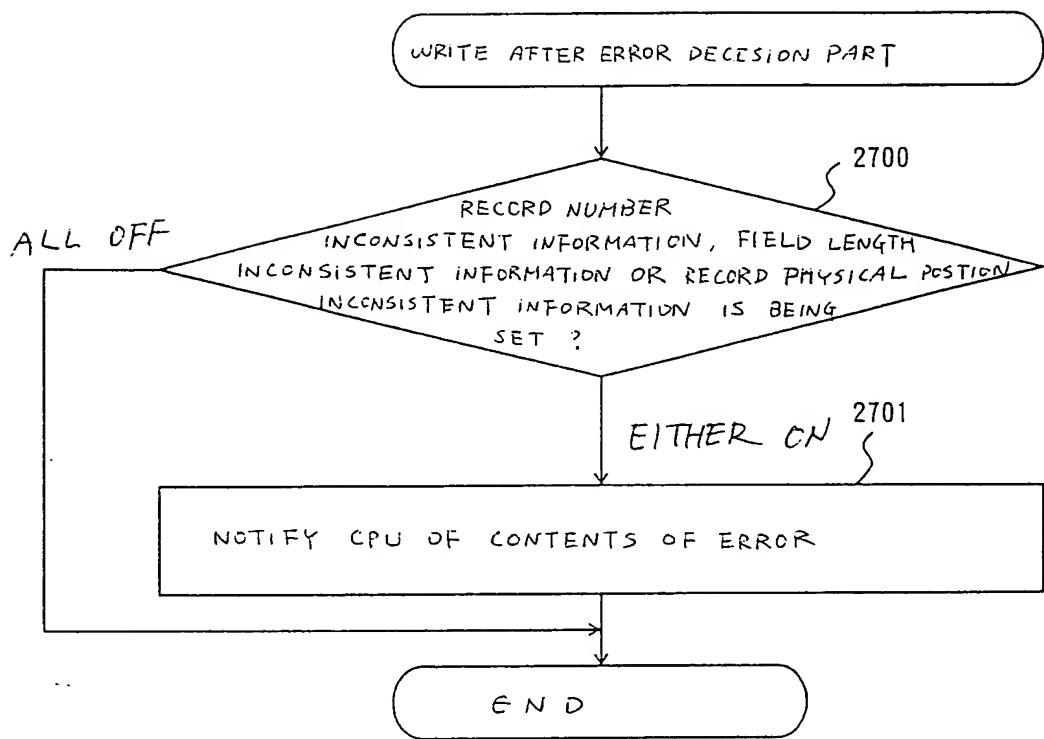


FIG. 33

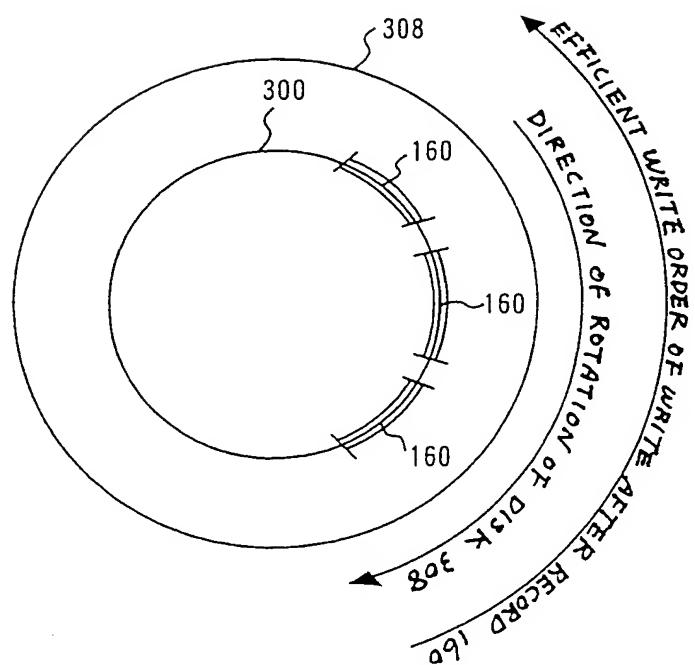


FIG. 34

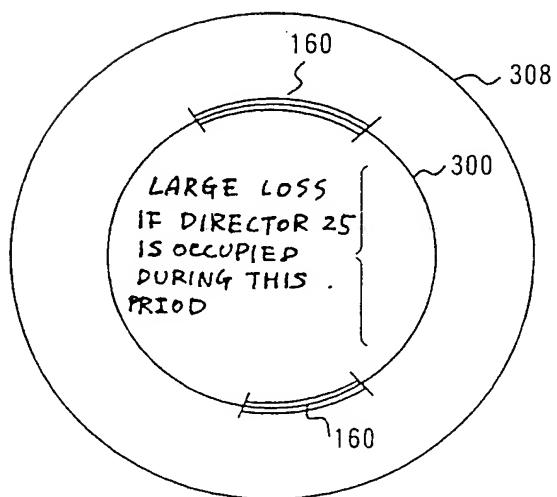


FIG. 35

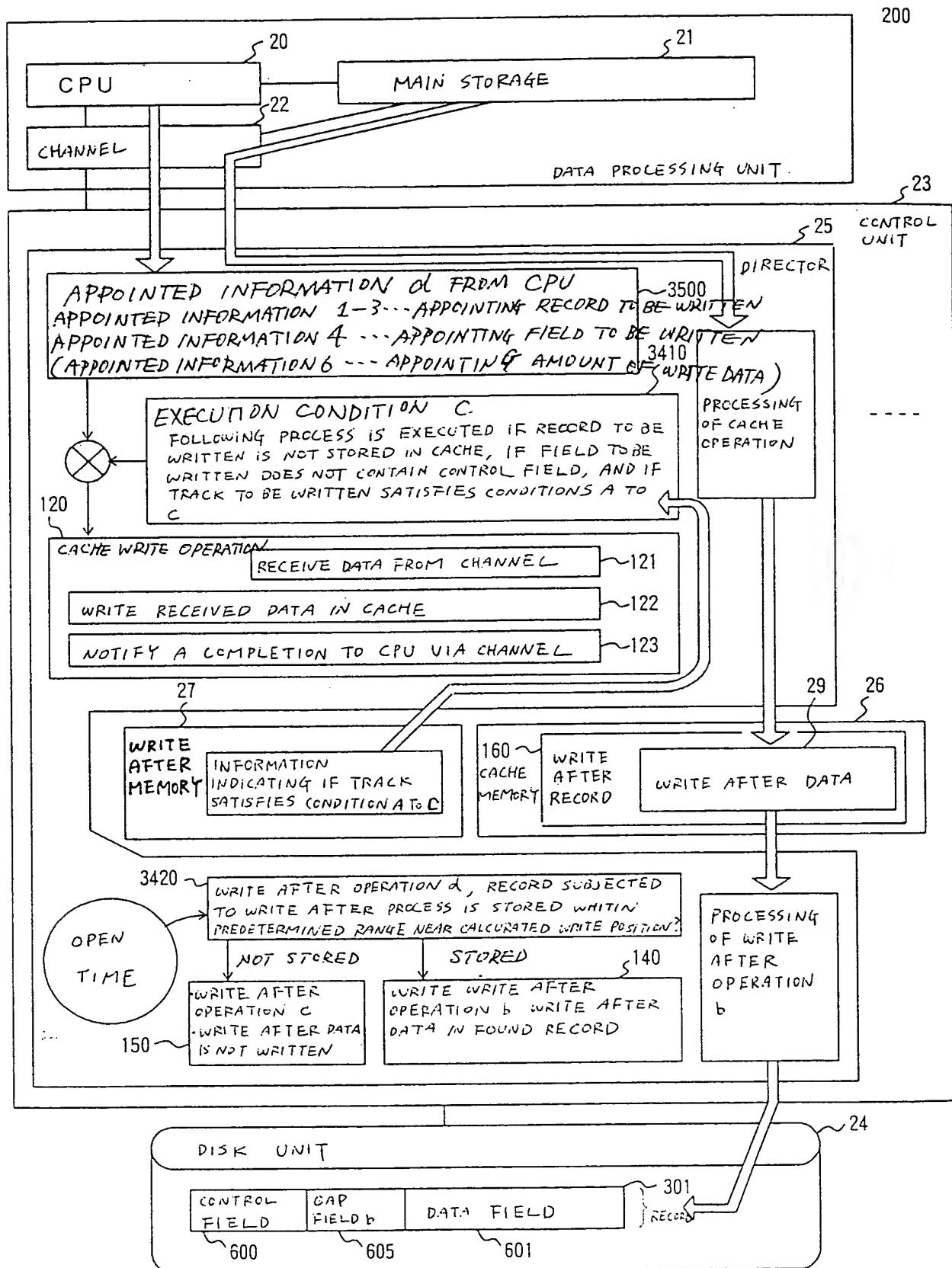


FIG. 36

WRITE AFTER MEMORY
27

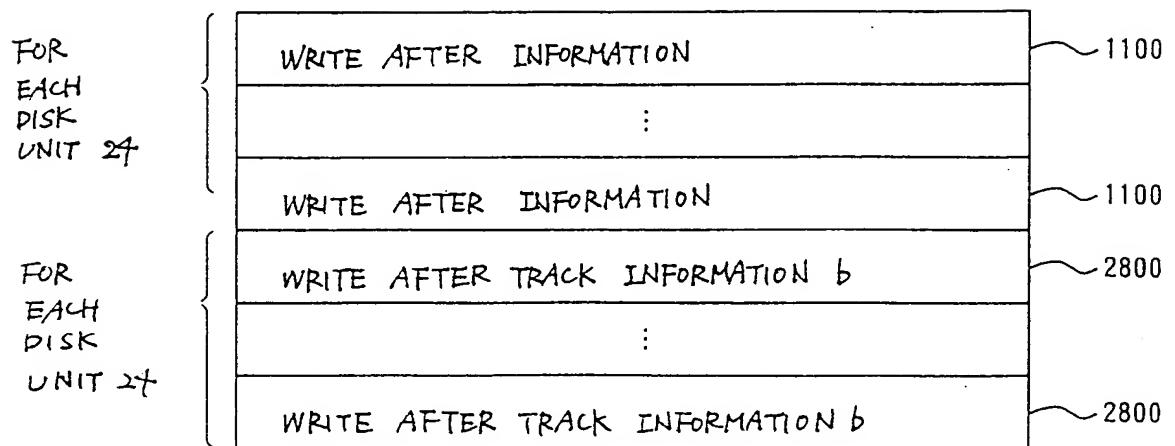


FIG. 37

WRITE AFTER TRACK INFORMATION
2800

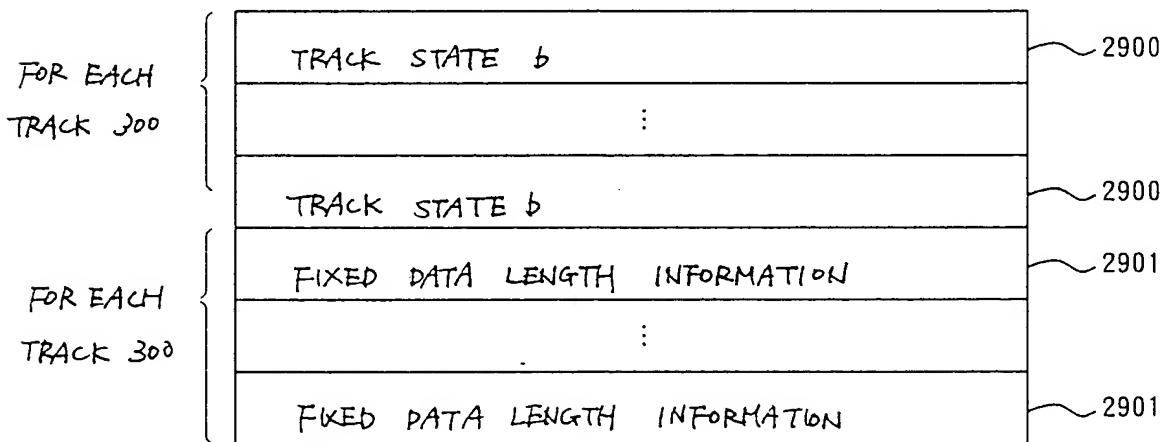


FIG. 38

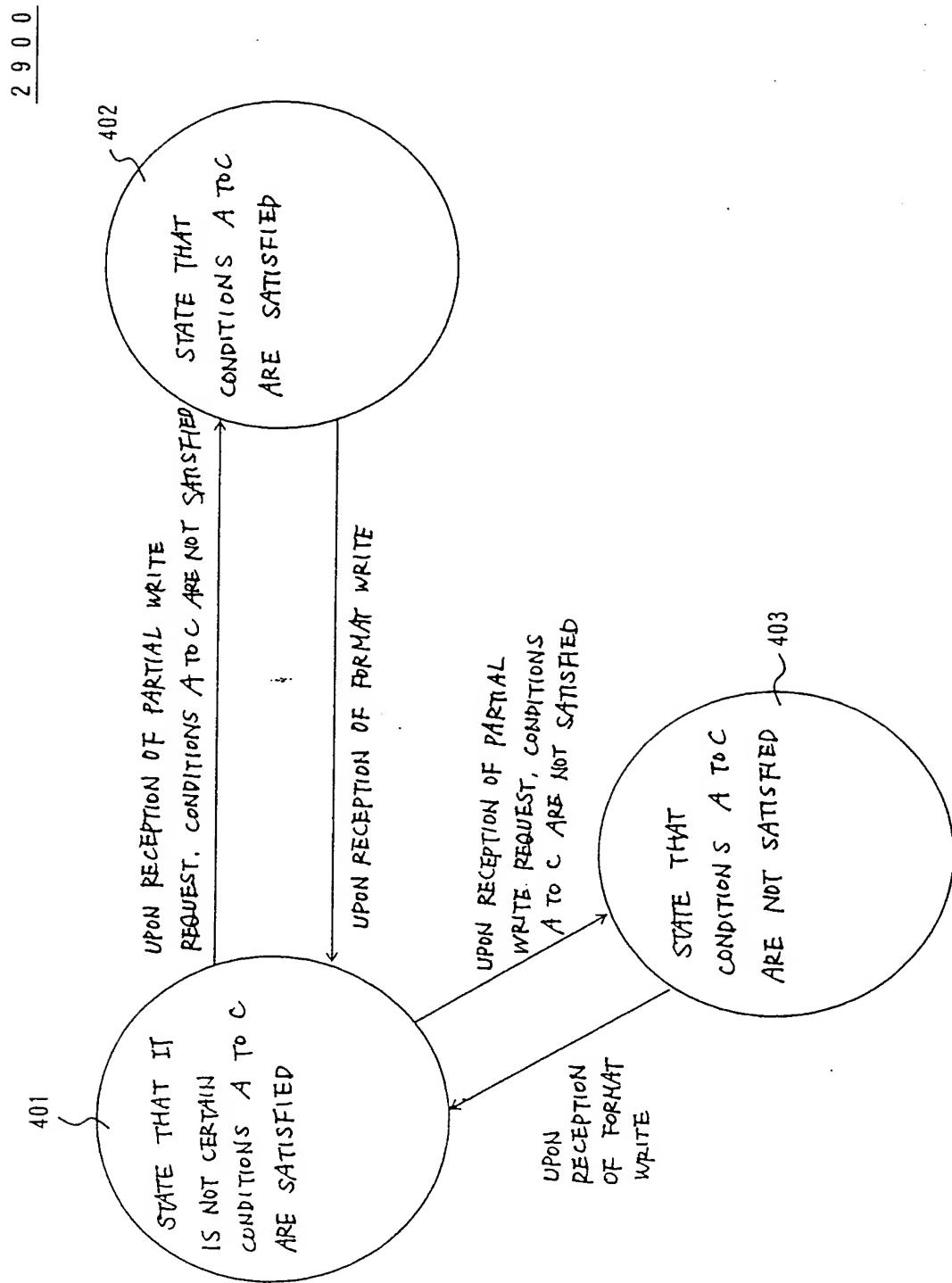


FIG. 39

10

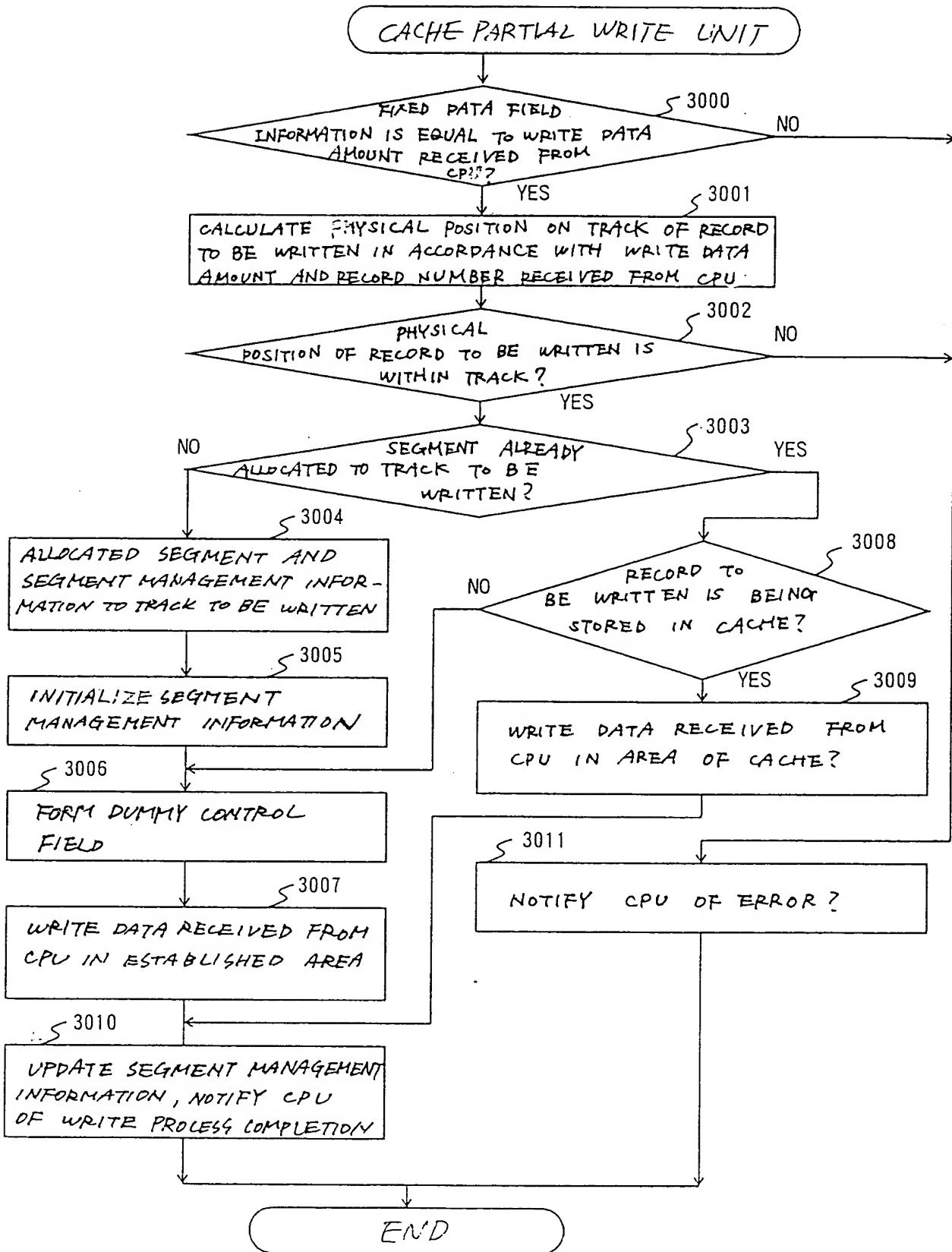


FIG. 40 A

14

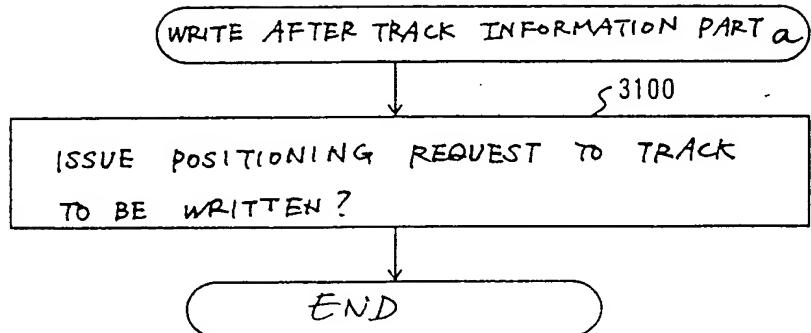


FIG. 40 B

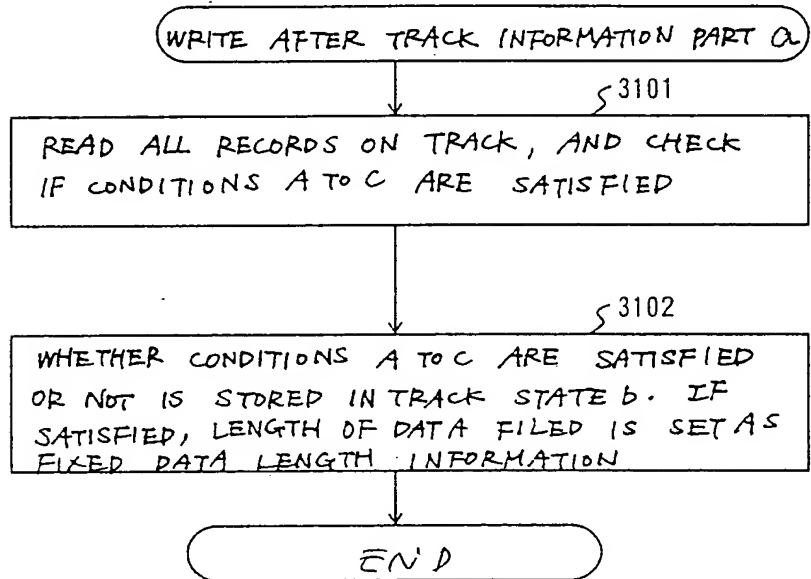


FIG. 41

15

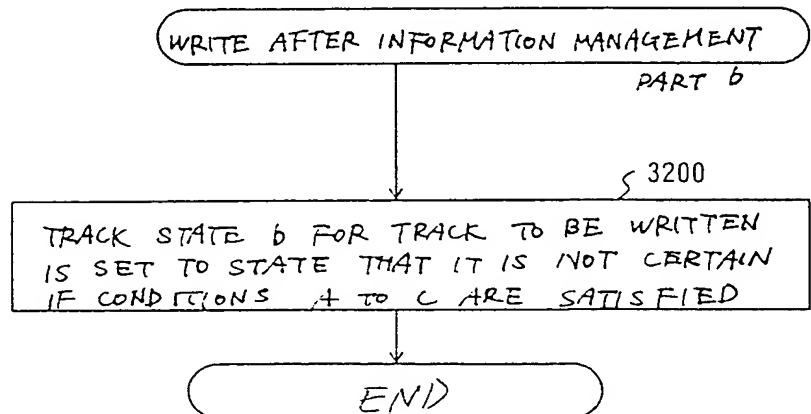


FIG. 42

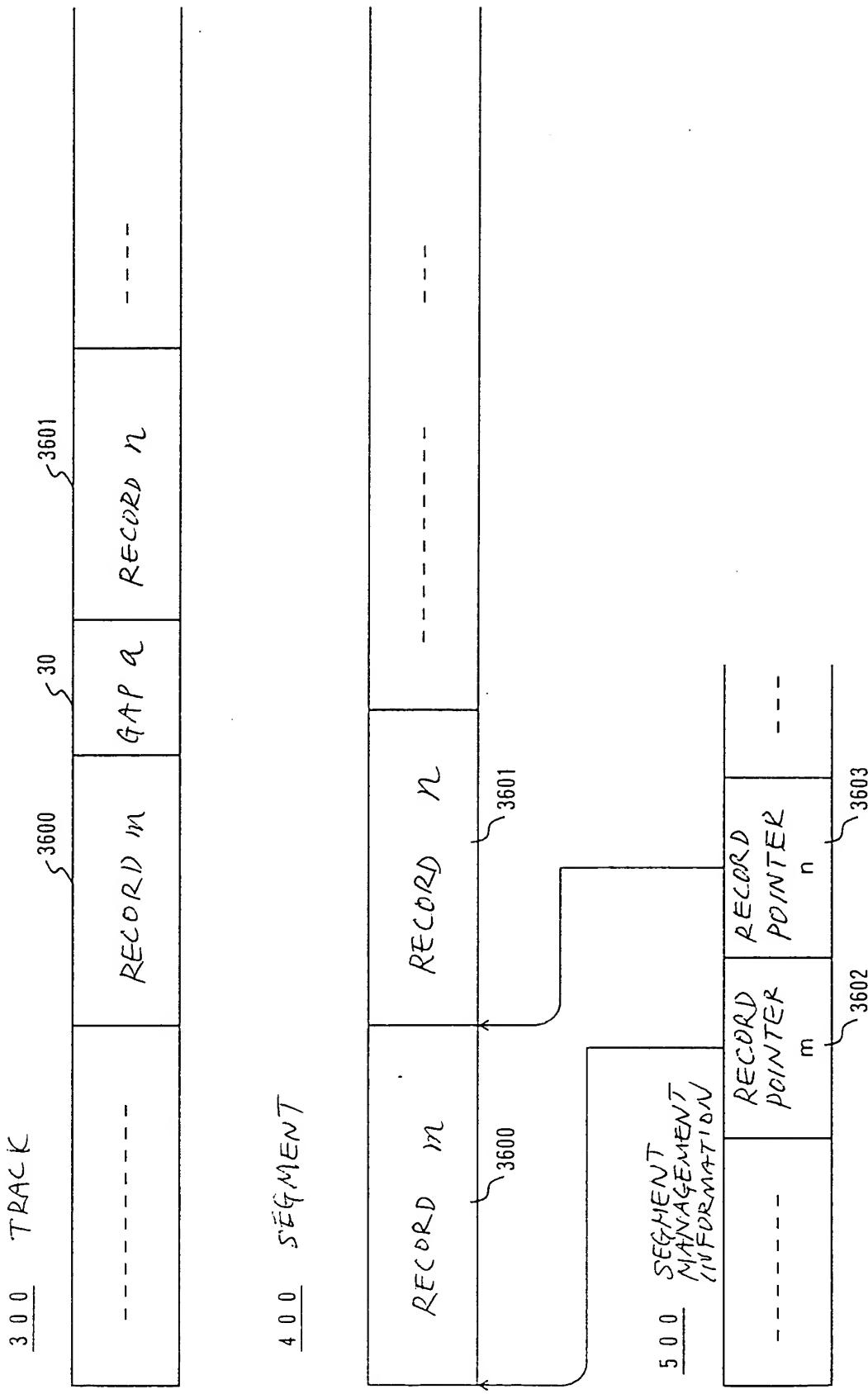


FIG. 43 A

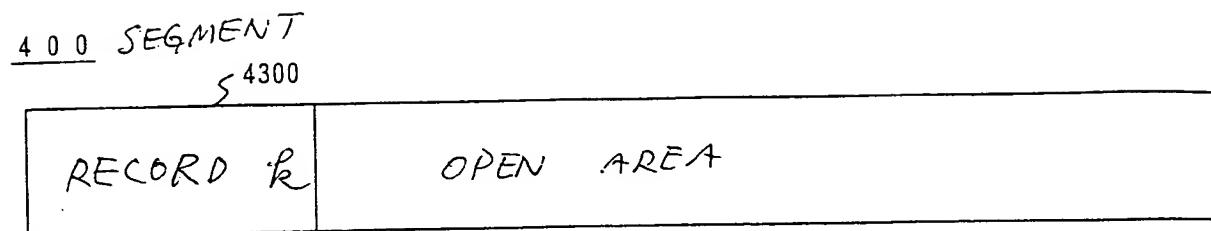


FIG. 43 B

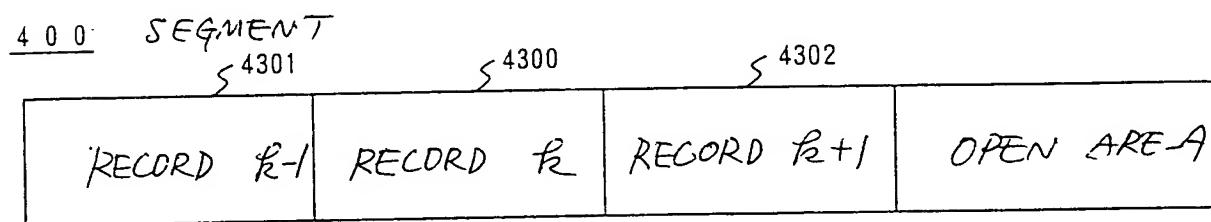


FIG. 43 C

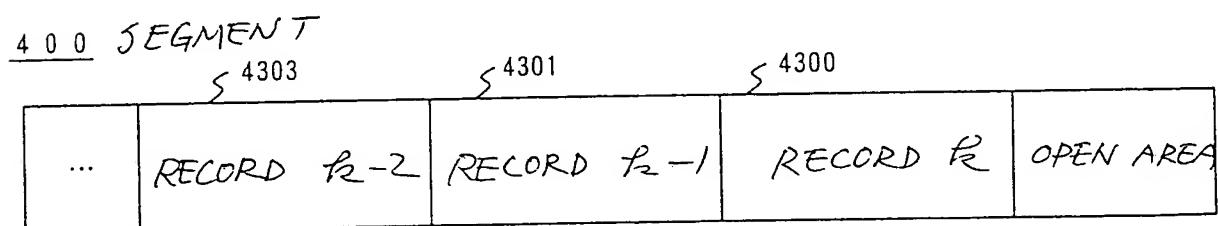


FIG. 44

500

AS MANY AS THE
NUMBER OF RECORD
NUMBERS 602
DEFINABLE WITHIN
TRACK 300

WRITE AFTER EXECUTING FLAG	~ 800
PARTIAL WRITE FLAG	~ 801
CACHED TRACK NUMBER	~ 805
RECORD POINTER	~ 806
:	
RECORD POINTER	~ 806
UPDATE RECORD POINTER	~ 807
:	
UPDATE RECORD POINTER	~ 807
UPDATE FIELD INFORMATION	~ 808
:	
UPDATE FIELD INFORMATION	~ 808
INTRA - SEGMENT EMPTY AREA ADDRESS	~ 809
SEGMENT POINTER	~ 810
WRITE POSITION CALCULATION POSSIBLE BIT	~ 2200
FIXED DATA FIELD LENGTH	~ 2201
INTRA - CACHE MAXIMUM RECORD NUMBER	~ 3700
:	

FIG. 45

